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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: OGATA ET AL.
Serial No.: 09/600,203
Filed: AUGUST 9, 2000
Confirmation No.: 7904
Due Date: MARCH 5, 2003
Title: FILTER CARTRIDGE

Examiner: M. SAVAGE
Group Art Unit: 1723
Docket: 13409.1USWO

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CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV168365245US
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By: 
Name: Douglas P. Mueller

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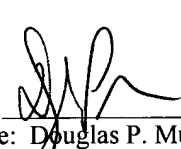
Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Amendment Including Version With Markings To Show Changes Made
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.
P.O. Box 2903, Minneapolis, MN 55402-0903
612.332.5300

By: 
Name: Douglas P. Mueller
Reg. No.: 30,300
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**RESPONSE UNDER 37 C.F.R. 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 1723**

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By: _____

Name: John Junkers

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AMENDMENT UNDER 37 C.F.R. § 1.116

Box AF
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed December 5, 2002, Applicants provide the following amendments and remarks.

In the Claims

Please amend claims 1 - 2, 4 - 7, and 11 and add claim 16 as indicated herein.

1. (Thrice amended) A filter cartridge comprising a strip, spun bonded non-woven fabric, the fabric comprising a thermoplastic fiber in which at least a part of fiber intersections is thermally adhered by a thermal compression bonding method or a method using a heat treating machine of a hot blast-circulating type, a heat through-air type, an infrared heater type, or a vertical hot blast-blowing type, wherein the strip, spun bonded non-woven fabric is wound around a perforated cylinder in a twill form.

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